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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/892,035	06/26/2001	Topi Koskinen	324-010440-US(PAR)	1830
2512	7590	12/17/2003	EXAMINER	
PERMAN & GREEN 425 POST ROAD FAIRFIELD, CT 06824			ELAHEE, MD S	
			ART UNIT	PAPER NUMBER
			2645	
DATE MAILED: 12/17/2003				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/892,035

Applicant(s)

KOSKINEN ET AL.

Examiner

Md S Elahee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-61 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-61 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☒ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 03 & 07.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-61 are rejected under 35 U.S.C. 102(e) as being anticipated by Emilsson (International Pub. No. WO 98/59506).

Regarding claims 1, 30 and 58, Emilsson teaches a first vehicle (i.e., electronic device) comprising means for implementing a homepage (i.e., virtual noticeboard) (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Emilsson further teaches first GSM mobile transceiver (i.e., radio means) for implementing data transmission with regard to the homepage (i.e., virtual noticeboard) of the first vehicle (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Emilsson further teaches at least one second vehicle (i.e., portable electronic device) comprising second GSM mobile transceiver (i.e., radio means) for implementing the data transmission, and means for processing information received from the homepage (i.e., virtual noticeboard) of the first vehicle (i.e., electronic device) (abstract; fig.1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Emilsson further teaches that the first and the second GSM mobile transceiver (i.e., radio means) are arranged to implement the data transmission from the first vehicle (i.e., device) to the second vehicle (i.e., device), the data transmission being used for transmitting information from the homepage (i.e., virtual noticeboard) of the first vehicle (i.e., electronic device) to the second vehicle (i.e., device) (abstract; fig. 1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Emilsson further teaches the context in the homepage (i.e., virtual noticeboard) of the first vehicle (i.e., electronic device) is arranged to be transmitted to the second vehicle (i.e., device) located within a geographically limited coverage area of the first GSM mobile transceiver (i.e., radio means) of the first (abstract; fig. 1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Emilsson further teaches that the second vehicle (i.e., device) comprises selecting means for selecting the reception of the homepage (i.e., virtual noticeboard) of the first vehicle (i.e., device) (abstract; fig. 1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 2 and 59, Emilsson teaches that the first GSM mobile transceiver (i.e., radio means) is at least one location-bound base station in a mobile telephone system permanently indicated by the first vehicle (i.e., device) (abstract; fig. 1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 3 and 60, Emilsson teaches that the first GSM mobile transceiver (i.e., radio means) is the GSM mobile transceiver (i.e., radio means) in connection with the first

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vehicle (i.e., device) (abstract; fig.1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 4, 32 and 61, Emilsson teaches that the first GSM mobile transceiver (i.e., radio means) are at least one base station in the mobile telephone system communicating with the first vehicle (i.e., device), and the homepage (i.e., virtual noticeboard) of the first vehicle (i.e., device) is arranged to include in the transmitted information location information as metainformation on the area within which the second vehicle (i.e., device) is located and for which second vehicle (i.e., device) the context in the homepage (i.e., virtual noticeboard) of the first vehicle (i.e., device) is arranged (abstract; fig.1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 5 and 33, Emilsson teaches that the selecting means of the second vehicle (i.e., device) are arranged only to display (i.e., show) such homepages (i.e., virtual noticeboards) which transmit location information corresponding with the location of the second vehicle (i.e., device) (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 10-14).

Regarding claims 6 and 34, Emilsson teaches that the selecting means of the second device are arranged to display (i.e., show) all homepages (i.e., virtual noticeboards) received (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 10-14).

Regarding claims 7 and 35, Emilsson teaches that the received homepages (i.e., virtual noticeboard) are shown in order of relevance such that the homepages (i.e., virtual noticeboards) which transmit location information corresponding with the location of the second device are shown first (page 7, lines 15-21, page 8, lines 12-25, page 9, lines 10-14).

Regarding claims 8 and 36, Emilsson teaches that the second device comprises means for determining its location (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 10-14).

Regarding claims 9 and 37, Emilsson teaches that the first device is a PC (i.e., server computer) with its software (page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 10 and 38, Emilsson teaches that the first device is portable user equipment in the mobile telephone system (fig.1; page 3, lines 1-5, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 11 and 39, Emilsson teaches that the first device is a part of a network element in the mobile telephone system (abstract; fig.1; page 3, lines 1-5, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 12 and 40, Emilsson teaches that the second device is portable user equipment in the mobile telephone system (abstract; fig.1; page 3, lines 1-5, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 13 and 41, Emilsson teaches that the radio means are a short-range radio transceiver or a radio transceiver in the mobile telephone system (abstract; fig.1; page 3, lines 1-5, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 14 and 42, Emilsson teaches that as a protocol, the radio means use a short message service, WAP (Wireless Application Protocol), wireless local area network, GSM data call or GPRS (General Packet Radio Service), or another wireless radio system protocol (abstract; fig.1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 15 and 43, Emilsson teaches that the homepage (i.e., virtual noticeboard) is bound to a physical location, such as an airport, railway station, vehicle, train, business location, store, restaurant, office, conference site, trade fair site or building (page 7, lines 15-21, page 8, lines 12-25, page 10, lines 5-22).

Regarding claims 16 and 44, Emilsson teaches that the homepage (i.e., virtual noticeboard) is bound to the first electronic device (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 17 and 45, Emilsson teaches that the homepage (i.e., virtual noticeboard) is inherently a personal noticeboard of the user of the first device (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 18 and 46, Emilsson teaches that the selecting means are arranged to show the homepages (i.e., virtual noticeboards) received by the second radio means, to select the homepages (i.e., virtual noticeboards) desired by the user, and to request the first device to transmit the selected piece of information from the homepage (i.e., virtual noticeboard) (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 19 and 47, Emilsson teaches that the first device comprises means for automatically transmitting information on the homepage (i.e., virtual noticeboard) to all second devices located in the coverage area (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 20 and 48, Emilsson teaches that the selecting means are used for selecting whether or not to receive the information on the homepage (i.e., virtual noticeboard) automatically transmitted by the first device (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 21 and 49, Emilsson teaches that the first device comprises means for determining whether to automatically include contact information in the information transmitted to the second devices or whether to keep the source of information anonymous (abstract; fig. 1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 22 and 50, Emilsson teaches that the second device comprises means for determining whether to include contact information in the reply information transmitted to the first device or whether to keep the second device anonymous (abstract; fig. 1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 23 and 51, Emilsson teaches that the first device comprises means for calculating how many times a certain piece of information has been retrieved from its homepage (i.e., virtual noticeboard) (abstract; fig. 1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 24 and 52, Emilsson teaches that the second device comprises means for transmitting the information retrieved from the homepage (i.e., virtual noticeboard) of the first device to the application processing the information (abstract; fig. 1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 25 and 53, Emilsson teaches that the application processing the information is communication software enabling data transmission from the second device with a party determined in the retrieved information (abstract; fig. 1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 26 and 54, Emilsson teaches that the information on the homepage (i.e., virtual noticeboard) of the first device is only transmitted to such second devices which meet

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predetermined conditions for use (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 1-5, 10-14).

Regarding claims 27 and 55, Emilsson teaches that the conditions for use are based on membership in a group or on a particular user profile (abstract; fig.1; page 7, lines 15-21, page 8, lines 12-25, page 9, lines 10-14, 17-20).

Regarding claims 28 and 56, Emilsson teaches that the transmitted information on the homepage (i.e., virtual noticeboard) is text and/or voice and/or images and/or moving video image (abstract; fig.1; page 2, lines 19-28, page 3, lines 1-5, 8-12, page 7, lines 15-21, page 8, lines 12-25).

Regarding claims 29 and 57, Emilsson teaches that the context, in addition to location, also comprises time (page 7, lines 15-21, page 8, lines 12-25, page 10, lines 15, 16).

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alam Elahee whose telephone number is (703) 305-4822. The examiner can normally be reached on Mon to Fri from 9:00am to 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fan Tsang can be reached on (703) 305-4895. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4750.

M.E.

MD SHAFIUL ALAM ELAHEE

December 14, 2003

FAN TSANG
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

A handwritten signature in black ink, appearing to read 'Fan Tsang', with a long horizontal stroke extending to the right.